**CONSTRUCTION OF A ELECTRONIC MOSQUITO REPELLANT**

**BY**

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**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF NATIONAL DIPLOMA (ND) IN COMPUTER ENGINEERING TECHNOLOGY**

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**CERTIFICATION**

I certify that the project “Construction of an Electronic Mosquito Repellent circuit” was carried out by the below stated names with the below stated Matriculation Number it has been thoroughly and duly read under the supervision and guidance of **Engineer Oluleye.O.Akanji** and has been found of acceptance by the Department of Computer Engineering for the award of National Diploma (ND).

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**DEDICATION**

This project is dedicated to God Almighty, He forever be our help, all through this project and for giving us the grace, health and wisdom to learn during our National Diploma. We also dedicate this work to our beloved friends and colleges.

**ACKNOWLEDEMENTS**

Our profound gratitude to Almighty God for the knowledge, wisdom and understanding that he bestowed on us to carry out this project without which this project would not have been possible. We would also like to acknowledge the support everyone for pushing us to challenge ourselves the more in engineering and the directions given to us during the design and research of this project.

**ABSTRACT**

This work is titled design and construction of an electronic mosquito repellant device Mosquito repellants like coils, mats, liquid vaporizers and creams are often used at various places. However, they are prone to be fatal and can cause harm to human beings. For instance, mosquito repellant creams and creams can cause adverse effects on the skin like allergic reactions. Coils, mats can produce toxic fumes when heated and cause breathing trouble whereas liquid vaporizers can also produce fumes when heated. For efficient result without any side effects, the most optimum solution is constructing a simple electronic device with minimal components which can produce output so as to repel the mosquitoes.

The aim of this work is to design a simple electronic device which can produce ultrasound in the frequency range of 20kHz to 38kHz, which can scare away mosquitoes.

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